

The State of New Hampshire  
*Department of Environmental Services*

Michael P. Nolin  
Commissioner



AGGREGATED PRECIPITATION DATA for N.H.  
DROUGHT MANAGEMENT AREAS

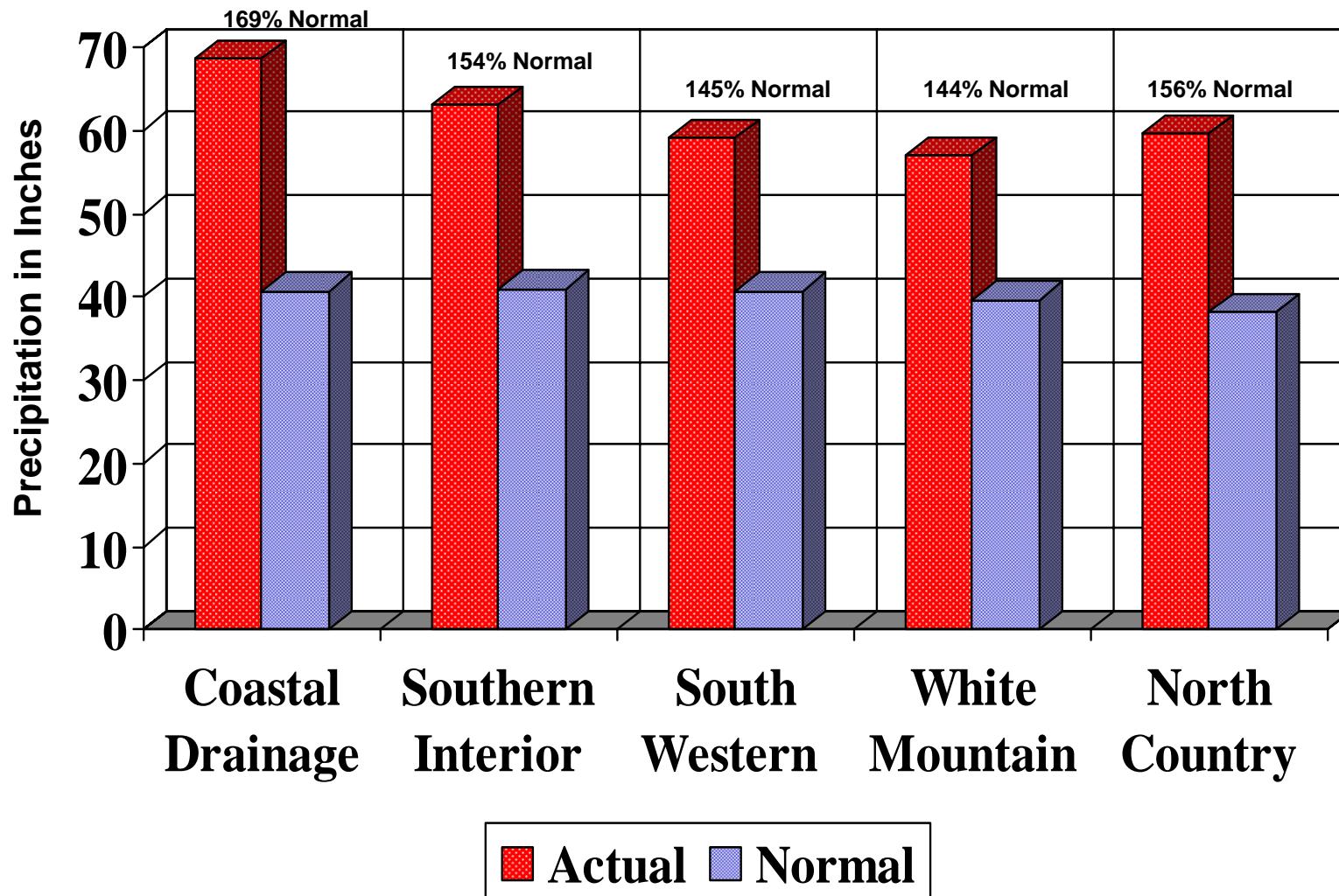
	Actual Rainfall (inches)	Normal Rainfall (inches)	Deviation from Normal (inches)	Percent of Normal
<u>Coastal Drainage:</u> Rockingham, Strafford counties				
four month	26.84	13.16	13.68	204%
six month	34.53	19.16	15.37	180%
nine month	59.96	30.70	29.26	195%
twelve month	68.59	40.64	27.95	169%
<u>Southern Interior:</u> Belknap, Hillsborough, Merrimack counties				
four month	23.66	13.24	10.42	179%
six month	30.42	19.28	11.14	158%
nine month	54.08	30.65	23.43	176%
twelve month	63.11	40.91	22.20	154%
<u>South Western:</u> Cheshire, Sullivan counties				
four month	18.23	13.24	4.99	138%
six month	23.97	19.24	4.73	125%
nine month	48.93	30.24	18.69	162%
twelve month	59.02	40.68	18.34	145%
<u>White Mountain:</u> Carroll, Grafton counties				
four month	19.71	12.26	7.45	161%
six month	25.41	17.82	7.59	143%
nine month	45.46	28.82	16.64	158%
twelve month	57.03	39.60	17.43	144%
<u>North Country:</u> Coos county				
four month	18.83	11.24	7.59	168%
six month	24.23	16.44	7.79	147%
nine month	45.09	26.84	18.25	168%
twelve month	59.61	38.20	21.41	156%

four month period : March 2006 - June 2006  
six month period : January 2006 - June 2006  
nine month period : October 2005 - June 2006  
twelve month period: July 2005 - June 2006

Source: Northeast River Forecast Center, NH Des Dam Bureau

**P.O. Box 95, 29 Hazen Drive, Concord, New Hampshire 03302-0095**  
Telephone: (603) 271-3503 • Fax: (603) 271-7894 • TDD Access: Relay NH 1-800-735-2964  
DES Web site: [www.des.nh.gov](http://www.des.nh.gov)

# TWELVE MONTH AGGREGATED PRECIPITATION DATA for N.H. DROUGHT MANAGEMENT AREAS from July 2005 through June 2006





## MONTHLY PRECIPITATION DATA FOR N.H COUNTIES

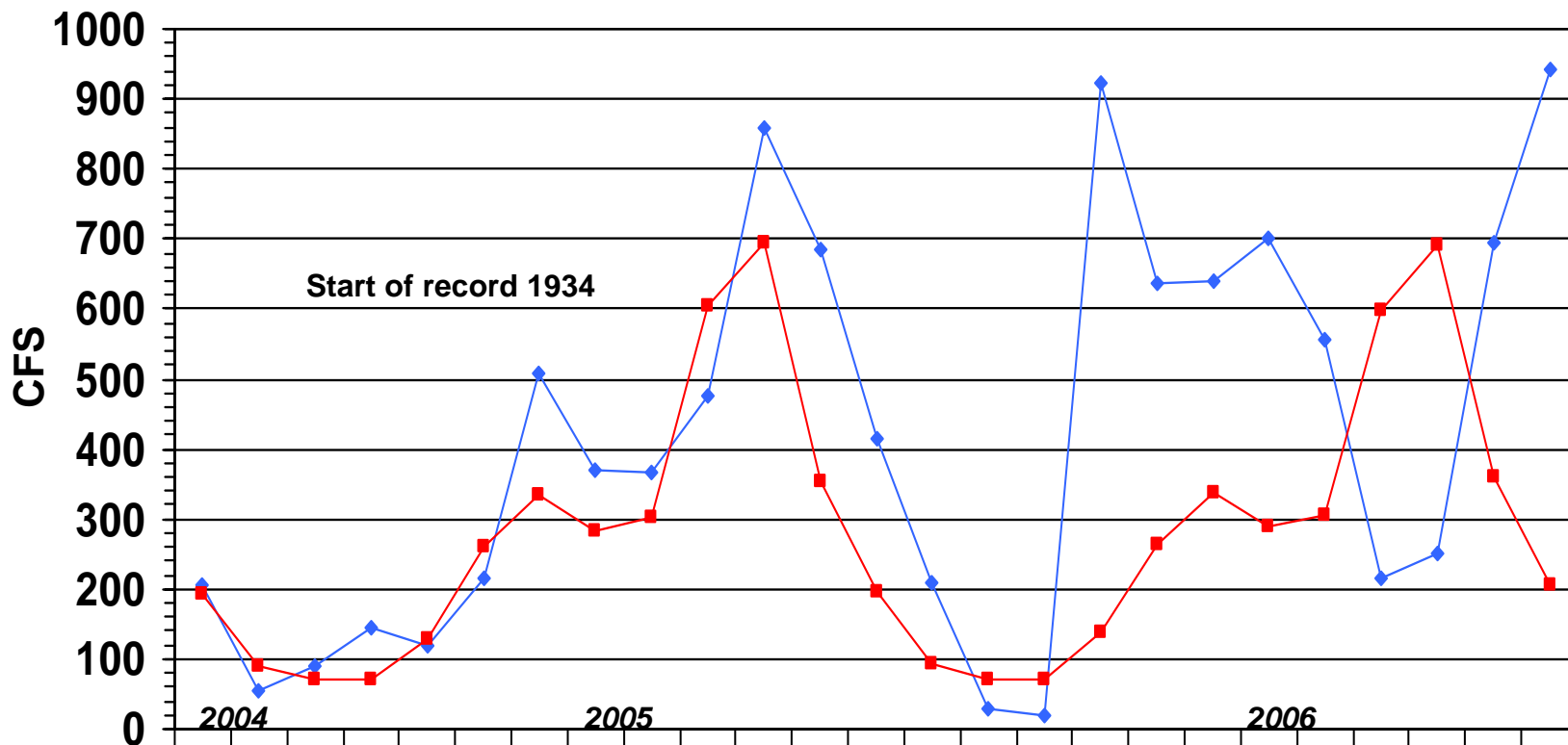
		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	2006 FEB	MARCH	APRIL	MAY	JUNE
<u>Coastal drainage</u>													
STRAFFORD	actual	3.24	1.98	2.92	15.92	4.94	5.80	5.67	2.93	1.25	3.34	12.79	8.67
	normal	3.12	3.28	3.44	3.48	4.12	3.76	3.12	2.72	3.20	3.40	3.12	3.12
	deviation	0.12	-1.30	-0.52	12.44	0.82	2.04	2.55	0.21	-1.95	-0.06	9.67	5.55
ROCKINGHAM	actual	3.13	3.33	2.67	14.77	4.68	4.74	4.22	2.56	0.91	3.27	14.20	9.25
	normal	3.20	3.44	3.40	3.56	4.24	3.92	3.32	2.84	3.40	3.44	3.32	3.32
	deviation	-0.07	-0.11	-0.73	11.21	0.44	0.82	0.90	-0.28	-2.49	-0.17	10.88	5.93
Average	actual	3.19	2.66	2.80	15.35	4.81	5.27	4.95	2.75	1.08	3.31	13.50	8.96
	normal	3.16	3.36	3.42	3.52	4.18	3.84	3.22	2.78	3.30	3.42	3.22	3.22
	deviation	0.03	-0.71	-0.63	11.83	0.63	1.43	1.73	-0.04	-2.22	-0.12	10.28	5.74
<u>Southern Interior</u>													
HILLSBOROUGH	actual	3.59	3.13	2.09	14.39	4.59	4.55	4.46	2.58	0.99	2.66	10.93	9.82
	normal	3.32	3.68	3.60	3.72	4.32	4.16	3.60	3.16	3.88	3.56	3.60	3.60
	deviation	0.27	-0.55	-1.51	10.67	0.27	0.39	0.86	-0.58	-2.89	-0.90	7.33	6.22
MERRIMACK	actual	3.64	2.52	3.18	15.05	4.99	4.56	4.29	2.55	1.48	2.95	11.72	9.62
	normal	3.28	3.44	3.36	3.44	4.00	3.92	3.16	2.84	3.40	3.36	3.16	3.16
	deviation	0.36	-0.92	-0.18	11.61	0.99	0.64	1.13	-0.29	-1.92	-0.41	8.56	6.46
BELKNAP	actual	3.08	2.38	3.47	13.71	4.02	5.14	4.26	2.12	1.19	2.66	8.95	8.02
	normal	3.44	3.28	3.36	3.28	3.80	3.48	2.92	2.44	2.92	3.24	2.92	2.92
	deviation	-0.36	-0.90	0.11	10.43	0.22	1.66	1.34	-0.32	-1.73	-0.58	6.03	5.10
Average	actual	3.44	2.68	2.91	14.38	4.53	4.75	4.34	2.42	1.22	2.76	10.53	9.15
	normal	3.35	3.47	3.44	3.48	4.04	3.85	3.23	2.81	3.40	3.39	3.23	3.23
	deviation	0.09	-0.79	-0.53	10.90	0.49	0.90	1.11	-0.40	-2.18	-0.63	7.31	5.93
<u>South Western</u>													
CHESHIRE	actual	5.05	2.99	2.86	15.86	4.87	4.81	4.10	1.55	1.13	2.28	5.32	7.22
	normal	3.28	3.68	3.52	3.36	3.84	3.76	3.28	2.80	3.48	3.40	3.28	3.28
	deviation	1.77	-0.69	-0.66	12.50	1.03	1.05	0.82	-1.25	-2.35	-1.12	2.04	3.94
SULLIVAN	actual	2.62	3.73	2.92	15.20	5.42	3.76	3.82	2.01	1.35	2.85	7.26	9.05
	normal	3.32	3.64	3.44	3.48	3.84	3.72	3.12	2.80	3.36	3.44	3.12	3.12
	deviation	-0.70	0.09	-0.52	11.72	1.58	0.04	0.70	-0.79	-2.01	-0.59	4.14	5.93
Average	actual	3.84	3.36	2.89	15.53	5.15	4.29	3.96	1.78	1.24	2.57	6.29	8.14
	normal	3.30	3.66	3.48	3.42	3.84	3.74	3.20	2.80	3.42	3.42	3.20	3.20
	deviation	0.54	-0.30	-0.59	12.11	1.31	0.55	0.76	-1.02	-2.18	-0.86	3.09	4.94
<u>White Mountain</u>													
GRAFTON	actual	4.00	4.76	3.85	10.74	4.99	3.61	3.44	1.70	1.53	2.81	6.87	7.90
	normal	3.84	3.64	3.48	3.48	3.76	3.64	2.92	2.60	3.04	3.24	2.92	2.92
	deviation	0.16	1.12	0.37	7.26	1.23	-0.03	0.52	-0.90	-1.51	-0.43	3.95	4.98
CARROLL	actual	3.74	3.59	3.20	10.92	4.74	5.11	4.06	2.19	1.30	2.84	8.22	7.95
	normal	3.68	3.48	3.44	3.52	3.92	3.68	3.00	2.60	3.08	3.32	3.00	3.00
	deviation	0.06	0.11	-0.24	7.40	0.82	1.43	1.06	-0.41	-1.78	-0.48	5.22	4.95
Average	actual	3.87	4.18	3.53	10.83	4.87	4.36	3.75	1.95	1.42	2.83	7.55	7.93
	normal	3.76	3.56	3.46	3.50	3.84	3.66	2.96	2.60	3.06	3.28	2.96	2.96
	deviation	0.11	0.62	0.07	7.33	1.03	0.70	0.79	-0.66	-1.65	-0.46	4.59	4.97
<u>North Country</u>													
COOS	actual	4.99	4.75	4.78	10.90	5.96	4.00	3.54	1.86	1.75	3.02	6.10	7.96
	normal	3.96	4.00	3.40	3.48	3.48	3.44	2.72	2.48	2.76	3.04	2.72	2.72
	deviation	1.03	0.75	1.38	7.42	2.48	0.56	0.82	-0.62	-1.01	-0.02	3.38	5.24

# LAMPREY RIVER near NEWMARKET NH

## Gage# 01073500



### MONTHLY MEAN FLOW COMPARED TO MEAN OF MONTHLY FLOWS

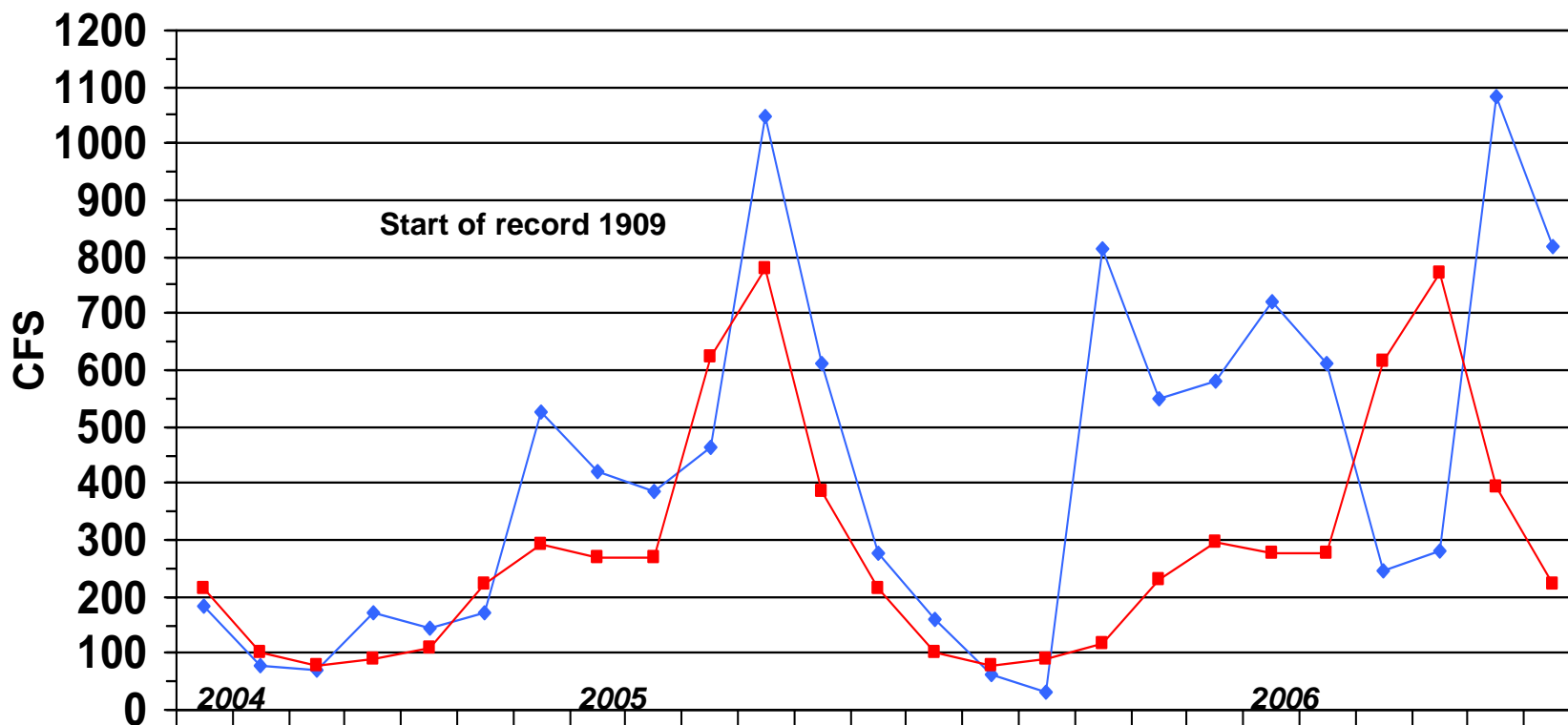


	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June
◆ Monthly Mean Flow	207	56	89	145	119	217	508	369	368	477	857	685	415	209	29	18	923	638	639	700	555	217	252	696	943
■ Mean of Monthly Flows	192	91	71	71	128	259	333	282	301	603	696	355	195	93	70	70	139	264	337	288	304	598	690	360	206
% of Normal	108%	62%	125%	204%	93%	84%	153%	131%	123%	79%	123%	193%	213%	255%	41%	26%	664%	242%	190%	243%	183%	36%	37%	193%	458%



NEW HAMPSHIRE  
DEPARTMENT OF  
**Environmental  
Service**

## MONTHLY MEAN FLOW COMPARED TO MEAN OF MONTHLY FLOWS

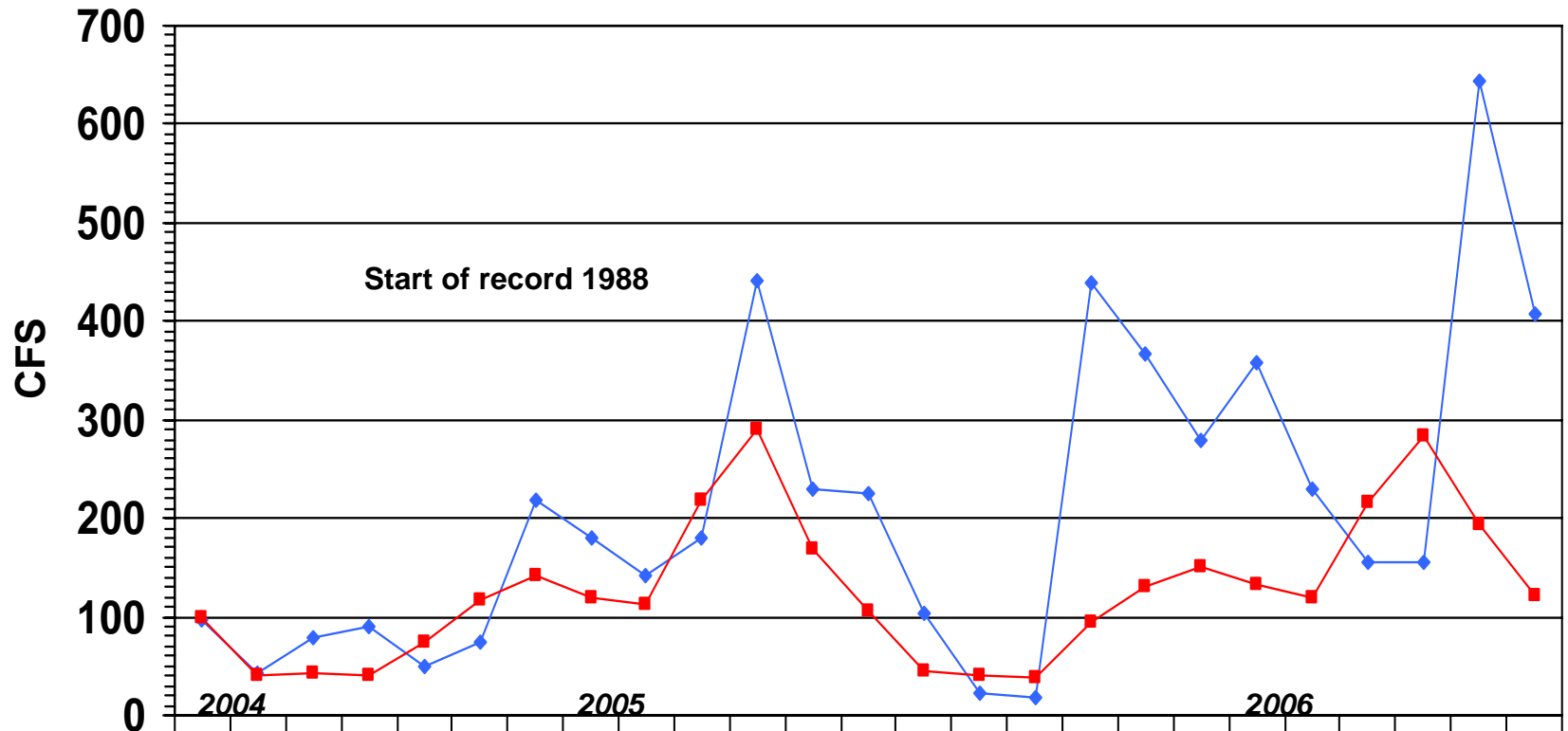


Monthly Mean Flow	184	76	71	173	146	171	525	419	386	464	1049	613	276	158	61	32	814	551	579	721	611	244	281	1085	817
Mean of Monthly Flow s	214	100	78	89	108	224	292	270	270	622	780	385	215	101	78	88	118	228	296	276	275	616	773	395	223
% of Normal	81%	65%	79%	194%	135%	76%	180%	155%	143%	75%	134%	159%	128%	156%	78%	36%	690%	242%	196%	261%	222%	40%	35%	275%	366%

# SOUCOOK RIVER at PEMBROKE ROAD near CONCORD NH, Gage# 01089100



## MONTHLY MEAN FLOW COMPARED TO MEAN OF MONTHLY FLOWS



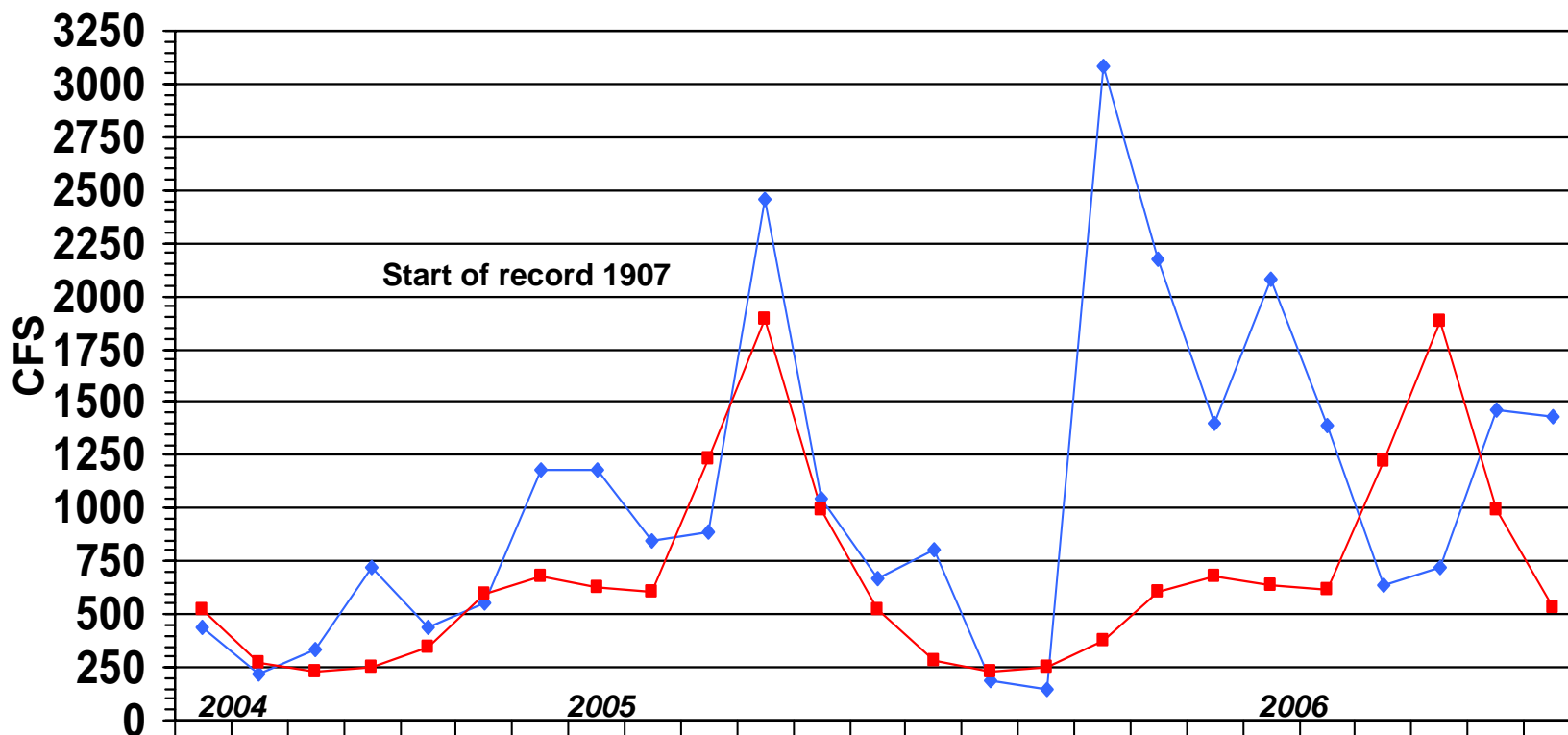
	2004							2005							2006										
	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June
◆ Monthly Mean Flow	97	42	79	91	49	74	218	181	141	180	442	229	224	104	22	19	438	368	280	359	229	155	155	643	407
■ Mean of Monthly Flow s	99	41	42	40	75	117	142	120	113	219	290	169	106	45	41	39	95	131	150	133	119	216	283	194	122
% of Normal	98%	102%	188%	228%	65%	63%	149%	143%	125%	84%	152%	137%	115%	231%	54%	49%	461%	281%	187%	270%	192%	72%	55%	331%	334%

# ASHUELOT RIVER at HINSDALE NH

Gage# 01161000



## MONTHLY MEAN FLOW COMPARED TO MEAN OF MONTHLY FLOWS



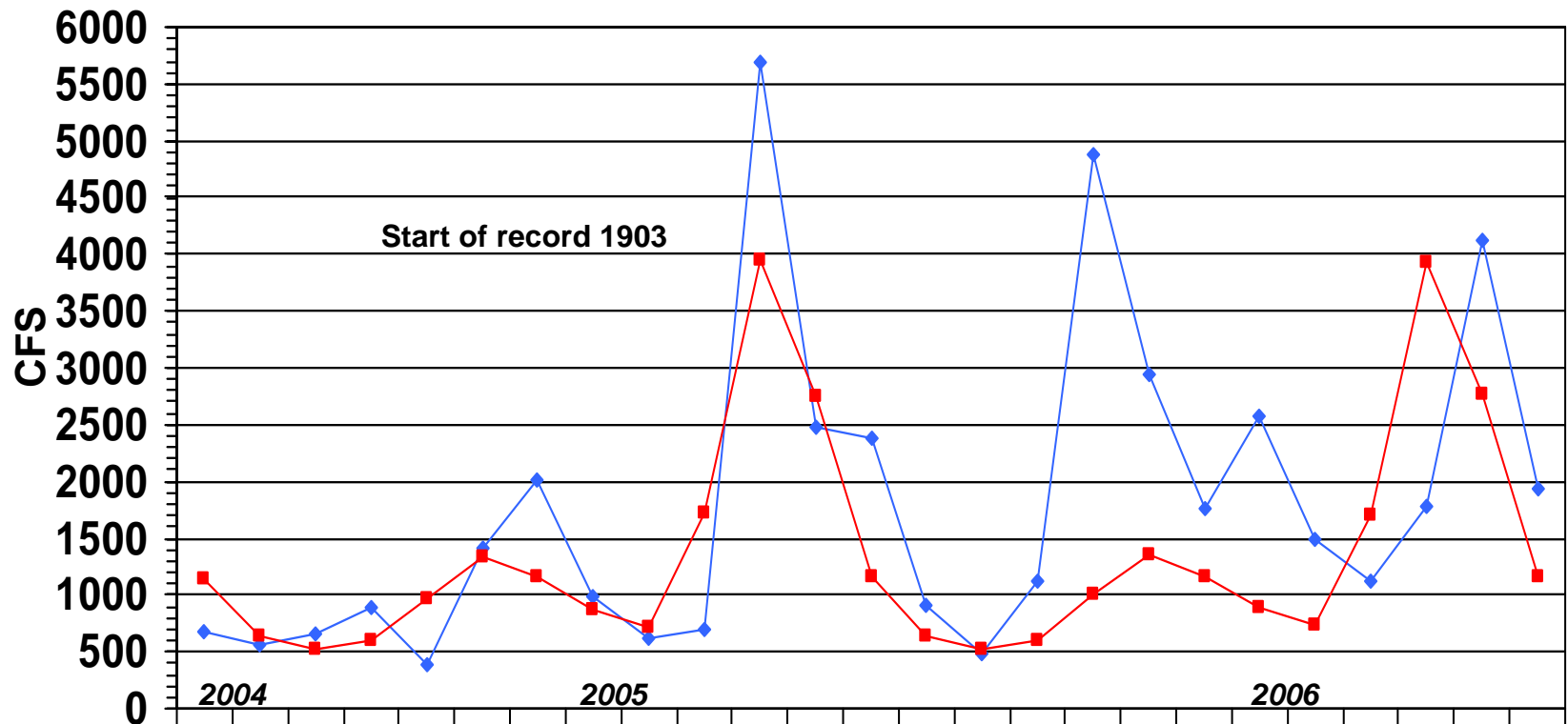
	2004			2005												2006									
	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June
Monthly Mean Flow	437	224	334	721	434	554	1185	1182	850	890	2454	1048	671	802	190	145	3088	2171	1396	2082	1385	642	718	1459	1434
Mean of Monthly Flow s	523	274	230	249	350	593	675	624	610	1232	1888	991	524	279	230	247	378	610	683	640	618	1226	1876	996	534
% of Normal	84%	82%	145%	290%	117%	80%	170%	184%	139%	72%	130%	106%	128%	287%	83%	59%	817%	356%	204%	325%	224%	52%	38%	146%	269%

# PEMIGEWASSET RIVER at PLYMOUTH NH

Gage# 01076500



## MONTHLY MEAN FLOW COMPARED TO MEAN OF MONTHLY FLOWS



	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June
Monthly Mean Flow	681	563	654	890	393	1416	2014	986	614	702	5697	2472	2380	901	475	1114	4878	2948	1761	2578	1500	1118	1789	4130	1941
Mean of Monthly Flow s	1147	634	515	598	964	1342	1161	870	725	1718	3941	2754	1159	637	514	603	1002	1358	1167	886	733	1712	3920	2767	1167
% of Normal	59%	89%	127%	149%	41%	106%	173%	113%	85%	41%	145%	90%	205%	142%	92%	185%	487%	217%	151%	291%	205%	65%	46%	149%	166%

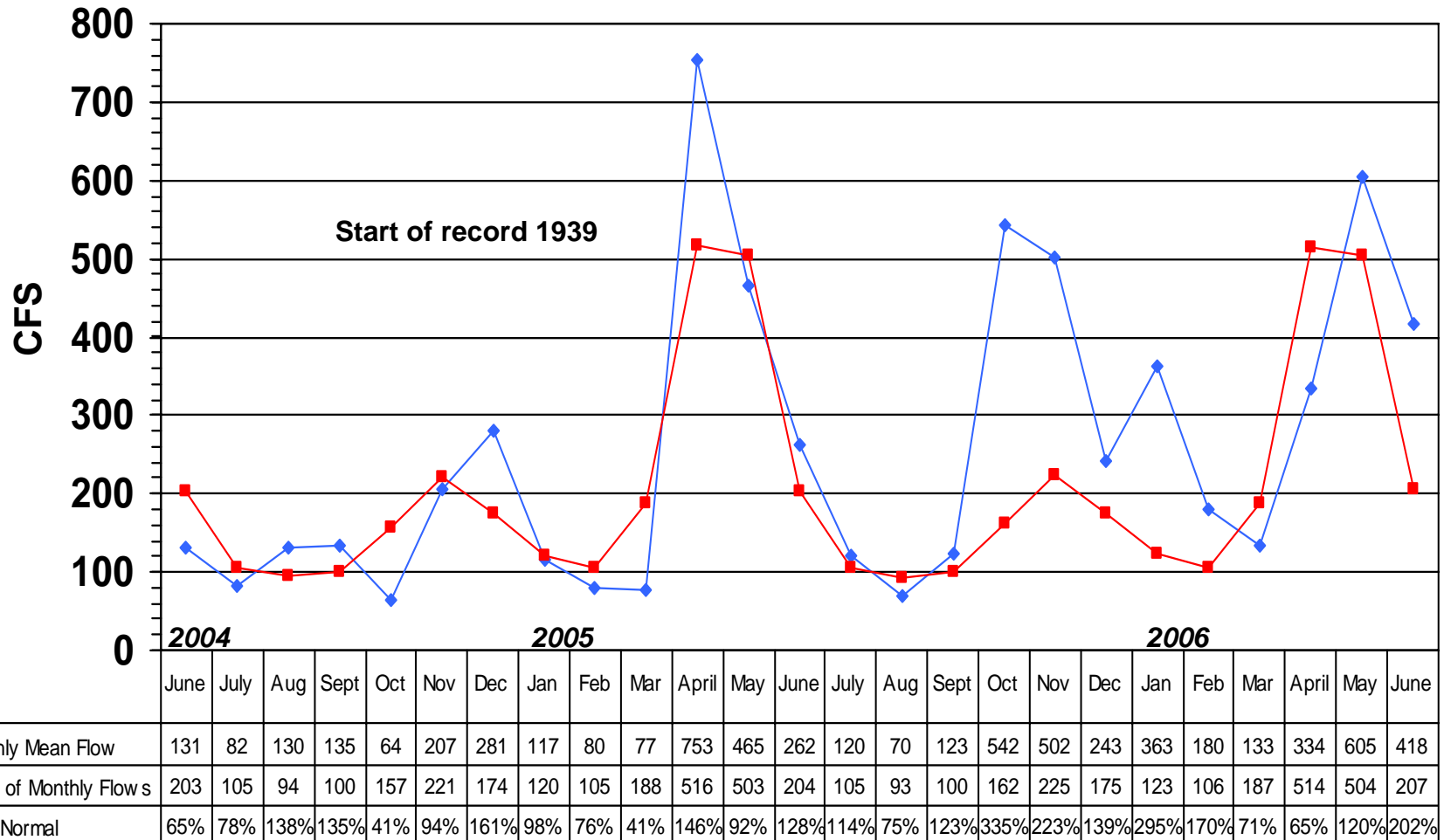
# AMMONOOSUC RIVER at BETHLEHEM JUNCTION NH

**Gage# 01137500**



## MONTHLY MEAN FLOW COMPARED TO MEAN OF MONTHLY FLOWS

This station replaces gage# 01137000 which was discontinued by DES at the end of Sept 2004



# New Hampshire Groundwater Levels for June 2006



WELL	START OF WATER LEVEL BELOW		NET CHANGE		NET CHANGE		DEPARTURE FROM		PERCENT OF	
	RECORD	SURFACE DATUM (ft)	IN ONE MONTH (ft)	IN ONE YEAR (ft)	MEDIAN	RANGE (ft)	MONTHLY MEDIAN (FT)	RANGE	STATUS	
ALBANY 14	1995	5.04	-1.43	0.34	6.31	2.83	1.27	44.9	ABOVE NORMAL	
ALBANY 15	1995	6.79	-2.48	0.43	8.29	4.57	1.5	32.8	ABOVE NORMAL	
BARNSTEAD 10	1995	2.27	-0.18	0.18	2.91	0.46	0.64	139.1	ABOVE NORMAL	
CAMPTON 34	1988	11.97	-1.67	-0.82	12.49	1.69	0.52	30.8	NORMAL	
COLEBROOK 73	1995	6.93	0.05	0.08	7.62	1	0.69	69	ABOVE NORMAL	
CONCORD 2	1963	35.81	1.12	4.33	41.29	4.2	5.48	130.5	ABOVE NORMAL	
CONCORD 4	1966	14.28	-0.66	1.7	16.75	1.87	2.47	132.1	ABOVE NORMAL	
DEERFIELD 46	1984	----	----	----	38.08	----	----	----	----	
ENFIELD 30	1990	1.75	-0.11	0.47	4.34	2.12	2.59	122.2	ABOVE NORMAL	
ERROL 1	1966	12.1	0.5	0.3	12	2.7	-0.1	-1.9	NORMAL	
FRANKLIN 1	1966	6.73	-1.25	2.76	11.03	4.19	4.3	102.6	ABOVE NORMAL	
GREENFIELD 75	1995	56.93	1.58	2.76	60.61	1.83	3.68	201.1	ABOVE NORMAL	
HOOKSETT 5	1965	44.57	-0.13	2.45	47.32	3.92	2.75	70.2	ABOVE NORMAL	
KEENE 2	1963	1.90	1.33	1.8	4.2	2.38	2.3	96.6	ABOVE NORMAL	
LANCASTER 1	1966	1.60	-1	0.4	1.98	1.43	0.38	26.6	ABOVE NORMAL	
LEE 1	1953	29.78	-1.48	0.22	30.98	1.38	1.2	87	ABOVE NORMAL	
LISBON 19	1990	12.89	-0.26	0.32	14.05	1.04	1.16	111.5	ABOVE NORMAL	
NASHUA 218	1964	25.98	-1.2	0.92	27.69	1.39	1.71	123	ABOVE NORMAL	
NEW DURHAM 53	1986	18.43	-0.6	0.34	19.18	1.51	0.75	49.7	ABOVE NORMAL	
NEW LONDON 1	1947	6.75	-3.06	-1.76	8.77	3.99	2.02	50.6	ABOVE NORMAL	
NEWPORT 3	1995	4.64	-1.12	0.37	5.53	0.88	0.89	101.1	ABOVE NORMAL	
NEWPORT 6	1995	4.72	-1.13	0.37	5.6	0.89	0.88	98.9	ABOVE NORMAL	
OSSIPEE 38	1995	33.09	0.29	0.8	34.94	1.29	1.85	143.4	ABOVE NORMAL	
SHELBURNE 2	1995	3.63	0.01	0.27	4.4	0.7	0.77	110	ABOVE NORMAL	
WARNER 1	1965	25.28	0.01	2.89	29.03	2.75	3.75	136.4	ABOVE NORMAL	

Source: USGS, NH DES

# STREAMFLOW DATA FOR SELECTED NH STATIONS AS OF JULY 7, 2006



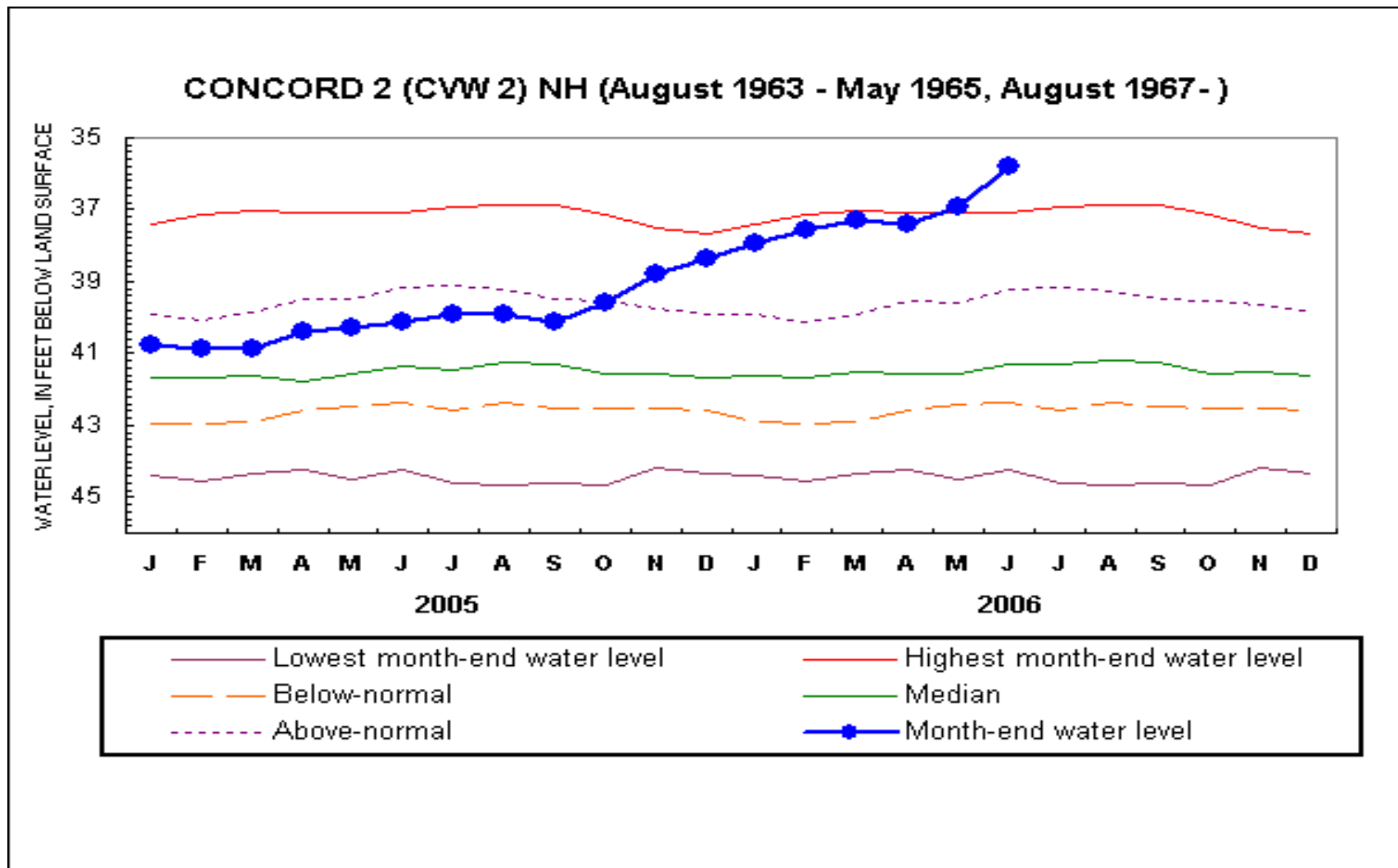
Station number	Station name	Est. Mean Flow (cfs)	Long Term Median Flow	99% Flow (cfs)	7Q10 Flow (cfs)	Lowest Period of Record Daily Flow (cfs)	% of Median	Below 0.99 Flow?	Below 7Q10 Flow?	Below Record Flow?
<b>Androscoggin River Basin</b>										
01052500	Diamond River near Wentworth Location, NH	200	128	22	16	6.8	156%	FALSE	FALSE	FALSE
01053500	Androscoggin River at Errol, NH	1,940	1,680	500	451	0	115%	FALSE	FALSE	FALSE
01054000	Androscoggin River near Gorham, NH	2,540	1,960	1300	1310	795	130%	FALSE	FALSE	FALSE
<b>Saco River Basin</b>										
01064500	Saco River near Conway, NH	819	370	105	97	66	221%	FALSE	FALSE	FALSE
01064801	BEARCAMP RIVER AT SOUTH TAMWORTH, NH	59	27	6	4.8	4.5	219%	FALSE	FALSE	FALSE
<b>Piscataqua River Basin</b>										
01072800	COCHeco RIVER NEAR ROCHESTER, NH	76	31 --	--	--	2.2	245%	#VALUE!	#VALUE!	FALSE
01073500	LAMPREY RIVER NEAR NEWMARKET, NH	107	60	7	5 --	--	178%	FALSE	FALSE	#VALUE!
<b>Merrimack River Basin</b>										
01074520	EAST BRANCH PEMIGEWASSET RIVER AT LINCOLN, NH	270	116	55	49	46	233%	FALSE	FALSE	FALSE
01075000	PEMIGEWASSET RIVER AT WOODSTOCK, NH	379	203	65	56 --	--	187%	FALSE	FALSE	FALSE
01076000	BAKER RIVER NEAR RUMNEY, NH	172	73	18	15 --	--	236%	FALSE	FALSE	FALSE
01076500	PEMIGEWASSET RIVER AT PLYMOUTH, NH	908	458	130	118	45	198%	FALSE	FALSE	FALSE
01078000	SMITH RIVER NEAR BRISTOL, NH	163	33	7	6.2	2.7	494%	FALSE	FALSE	FALSE
01081000	WINNIPESAUKEE RIVER AT TILTON, NH	1,860	325	143	136	48	572%	FALSE	FALSE	FALSE
01081500	MERRIMACK RIVER AT FRANKLIN JUNCTION, NH	3,320	1,220	520*	551 --	--	272%	FALSE	FALSE	FALSE
01082000	CONTOOCOOK RIVER AT PETERBOROUGH, NH	83	29	5.5	6.3 --	--	286%	FALSE	FALSE	FALSE
01085000	CONTOOCOOK RIVER NEAR HENNIKER, NH	607 ---	---	40	37 --	--	---	FALSE	FALSE	FALSE
01085500	CONTOOCOOK R BL HOPKINTON DAM AT W HOPKINTON, NH	742	202	35	39 --	--	367%	FALSE	FALSE	FALSE
01086000	WARNER RIVER AT DAVISVILLE, NH	253	47	6	5.3 --	--	538%	FALSE	FALSE	FALSE
01087000	BLACKWATER RIVER NEAR WEBSTER, NH	213 ---	---	15.5	13.7 --	--	---	FALSE	FALSE	FALSE
01090800	PISCATAQUOG RIVER BL EVERETT DAM, NR E WEARE, NH	96 ---	---	1.7	1.2 --	--	---	FALSE	FALSE	FALSE
01091500	PISCATAQUOG RIVER NEAR GOFFSTOWN, NH	300 ---	---	8	8.8 --	--	---	FALSE	FALSE	FALSE
01092000	MERRIMACK R NR GOFFS FALLS, BELOW MANCHESTER, NH	6,380	1,920	560*	644	98*	332%	FALSE	FALSE	FALSE
01094000	SOUHEGAN RIVER AT MERRIMACK, NH	215	64	15	12.9 --	--	336%	FALSE	FALSE	FALSE
<b>Connecticut River Basin</b>										
01129200	CONNECTICUT R BELOW INDIAN STREAM NR PITTSBURG, NH	307	355	---	42	30	86%	FALSE	FALSE	FALSE
01129500	CONNECTICUT RIVER AT NORTH STRATFORD, NH	1,920	677	---	176	108	284%	FALSE	FALSE	FALSE
01131500	CONNECTICUT RIVER NEAR DALTON, NH	4,410	1,450	---	389	115	304%	FALSE	FALSE	FALSE
01137500	AMMONOOSUC RIVER AT BETHLEHEM JUNCTION, NH	150	95	---	28	21	158%	FALSE	FALSE	FALSE
01138500	CONNECTICUT RIVER AT WELLS RIVER, VT	7,140	2,650	---	690	152*	269%	FALSE	FALSE	FALSE
01144500	CONNECTICUT RIVER AT WEST LEBANON, NH	11,600	3,170	380*	902	82*	366%	FALSE	FALSE	FALSE
01152500	SUGAR RIVER AT WEST CLAREMONT, NH	374	130	40	38	14	288%	FALSE	FALSE	FALSE
01154500	CONNECTICUT RIVER AT NORTH WALPOLE, NH	13,200	4,330	260*	1058	115*	305%	FALSE	FALSE	FALSE
01158000	ASHUELOT RIVER BELOW SURRY MT DAM, NEAR KEENE, NH	164	41	4.5	2.7	0.4	400%	FALSE	FALSE	FALSE
01158600	OTTER BROOK BELOW OTTER BROOK DAM, NEAR KEENE, NH	66	16	1.6	1.1	0.3	413%	FALSE	FALSE	FALSE
01160350	ASHUELOT RIVER AT WEST SWANZEY, NH	411	165	32 --	--	--	249%	FALSE	FALSE	FALSE

\*Flow duration and record low mean daily flow significantly affected by reservoir operations

\*\*Estimated

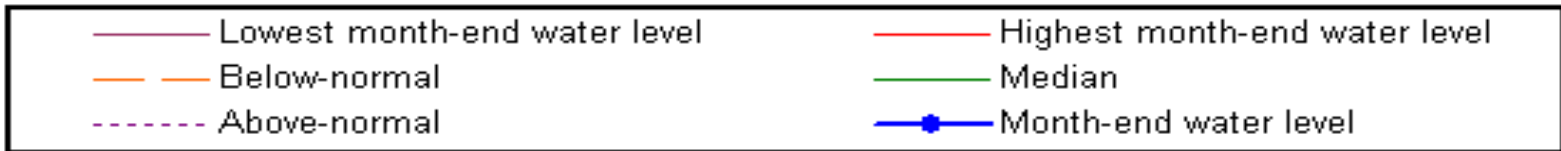
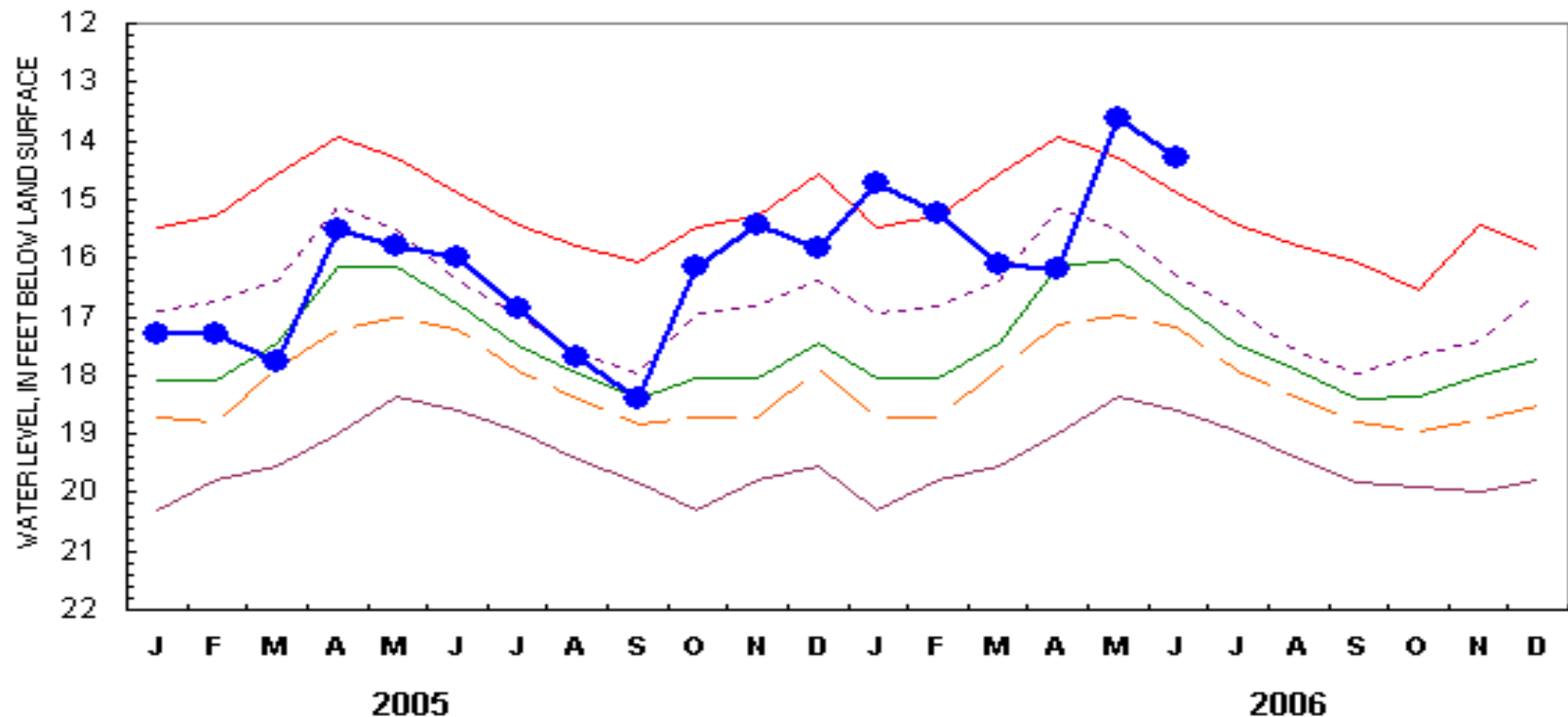
Source: USGS, NH DES

SUMMARY	Below 0.99 Flow?	Below 7Q10 Flow?	Below Record Flow?
FALSE =	28	32	17
TRUE =	0	0	0



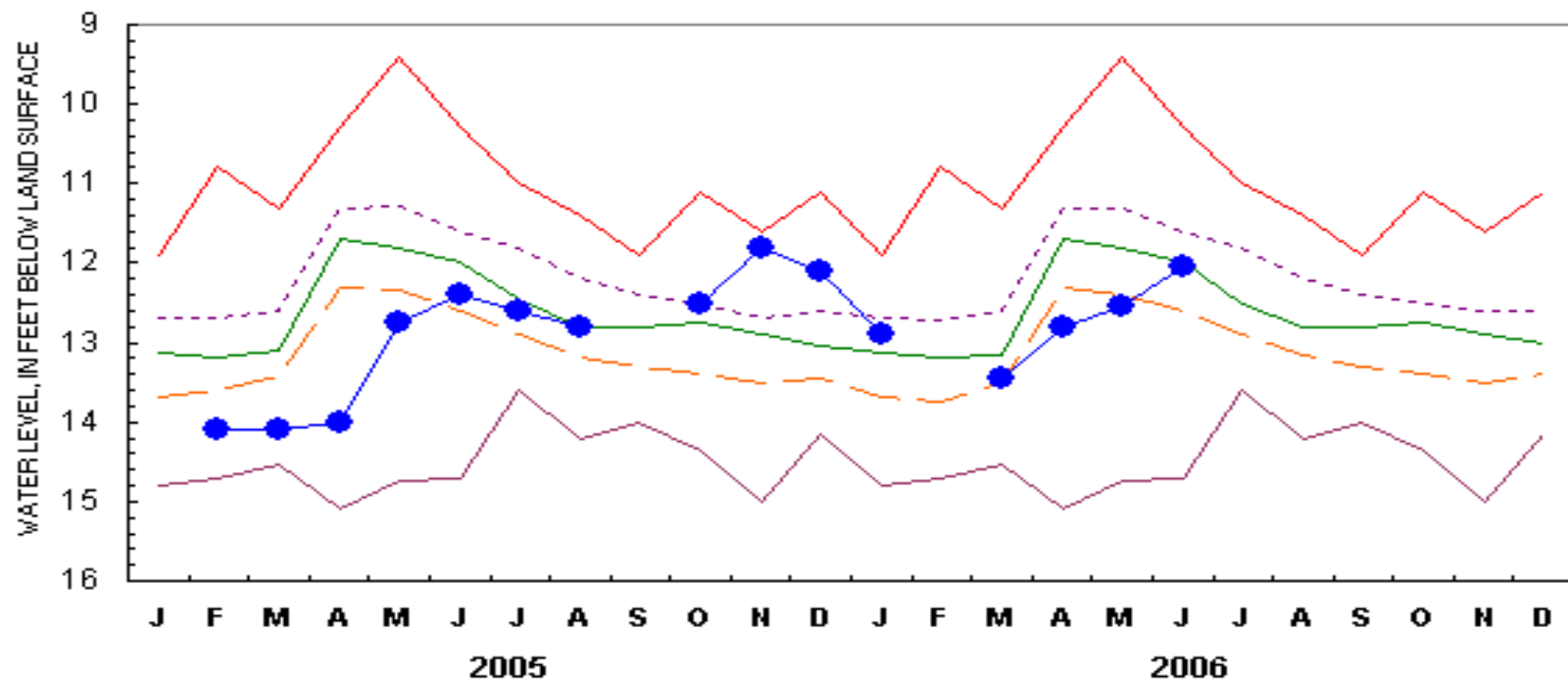
Highest and lowest month-end water levels are monthly extremes for the period of record  
 Above-normal is the 75% quartile (25% of month-end water levels were higher)  
 Below-normal is the 25% quartile (25% of month-end water levels were lower)  
 Median is the 50% quartile (half of the month-end water levels were higher or lower)  
 Water levels after September 2003 are provisional and subject to revision.

# CONCORD 4 (CVW 4) NH (November 1966 - )



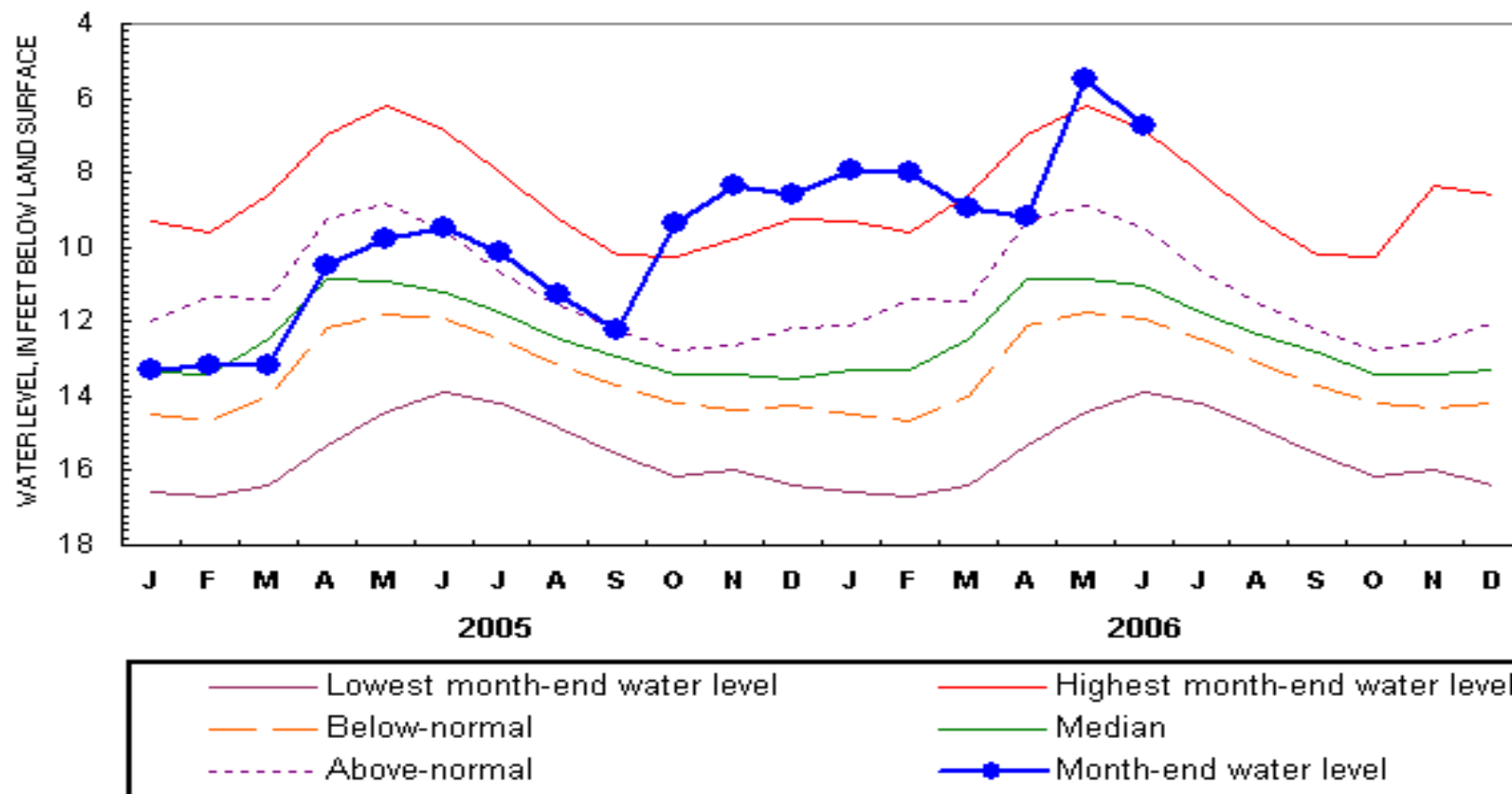
Highest and lowest month-end water levels are monthly extremes for the period of record  
 Above-normal is the 75% quartile (25% of month-end water levels were higher)  
 Below-normal is the 25% quartile (25% of month-end water levels were lower)  
 Median is the 50% quartile (half of the month-end water levels were higher or lower)  
 Water levels after September 2003 are provisional and subject to revision.

# ERROL 1 (ETW 1) NH (November 1966 - )



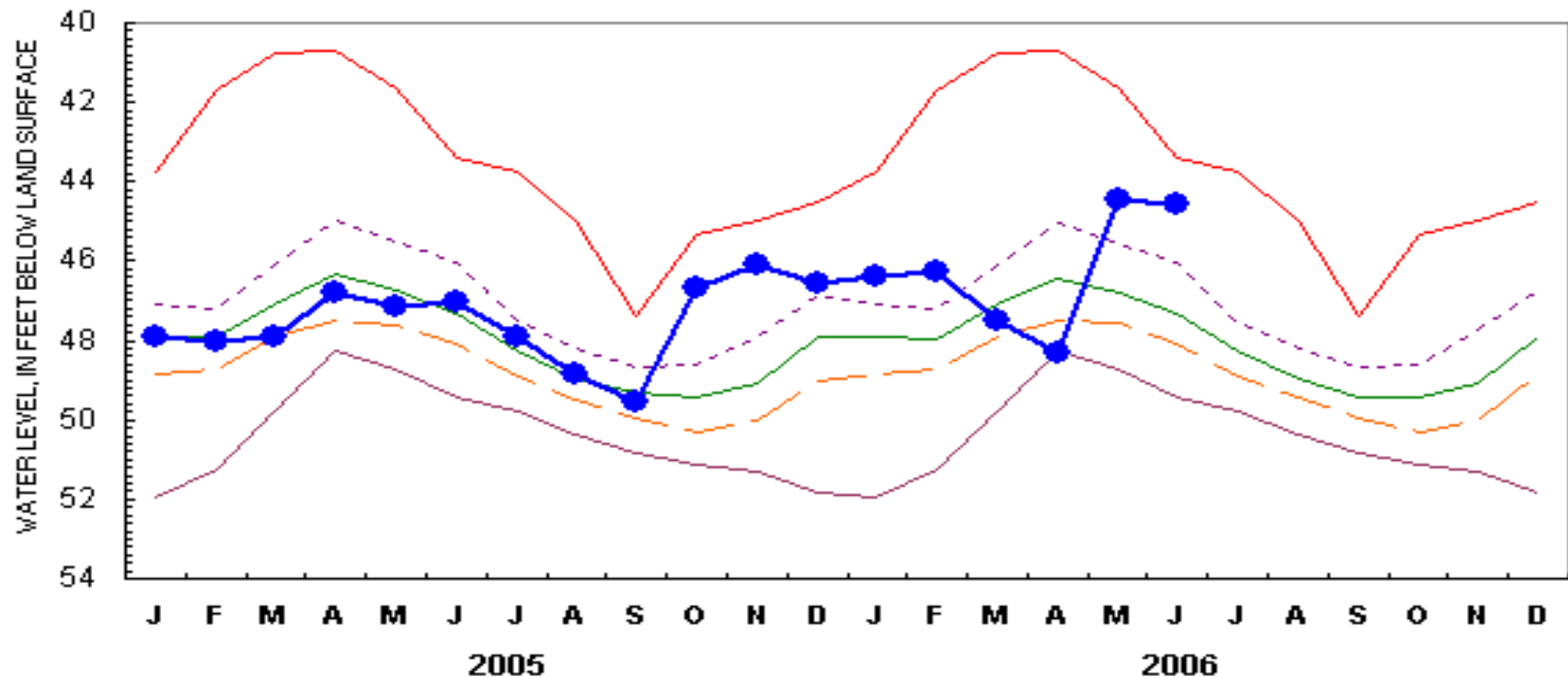
Highest and lowest month-end water levels are monthly extremes for the period of record  
 Above-normal is the 75% quartile (25% of month-end water levels were higher)  
 Below-normal is the 25% quartile (25% of month-end water levels were lower)  
 Median is the 50% quartile (half of the month-end water levels were higher or lower)  
 Water levels after September 2003 are provisional and subject to revision.

# FRANKLIN 1 (FKW 1) NH (October 1966 - )



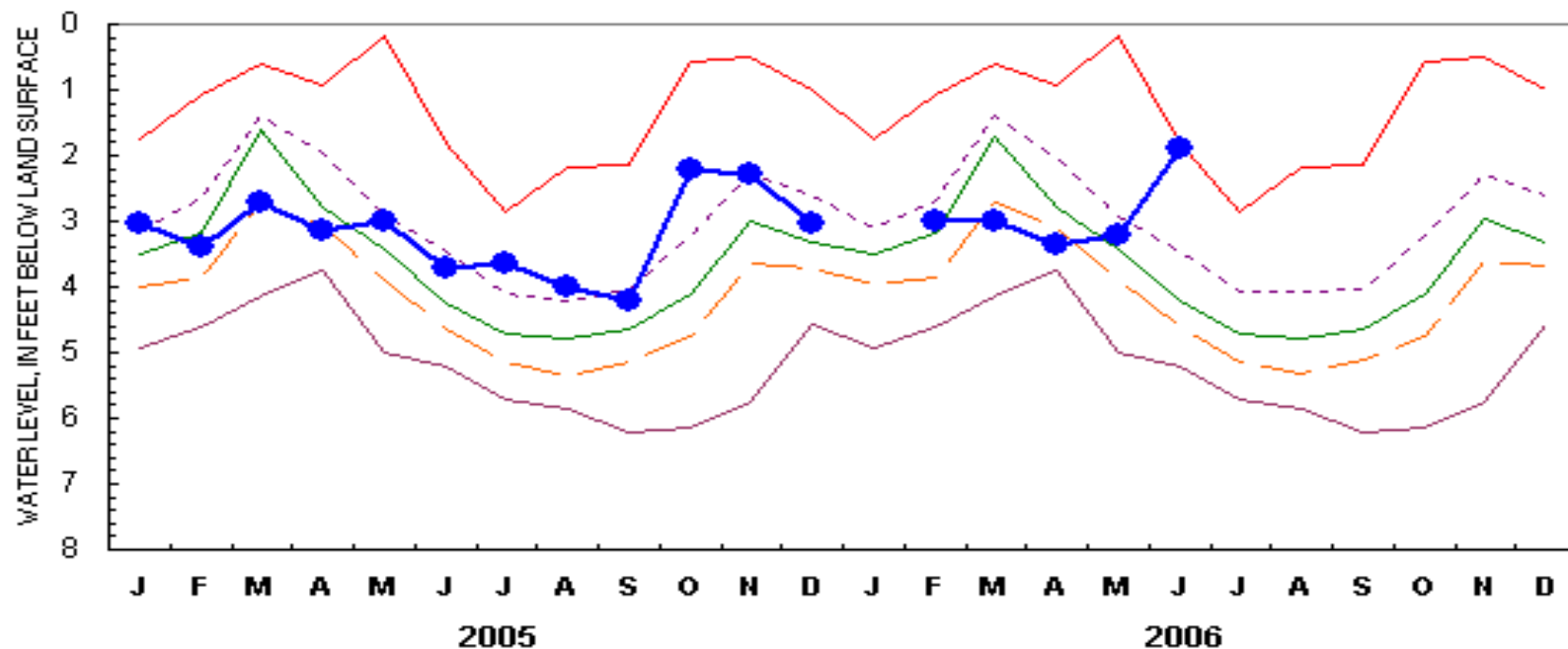
Highest and lowest month-end water levels are monthly extremes for the period of record  
 Above-normal is the 75% quartile (25% of month-end water levels were higher)  
 Below-normal is the 25% quartile (25% of month-end water levels were lower)  
 Median is the 50% quartile (half of the month-end water levels were higher or lower)  
 Water levels after September 2003 are provisional and subject to revision.

## HOOKSETT 5 (HTW 5) NH (April 1965 - )



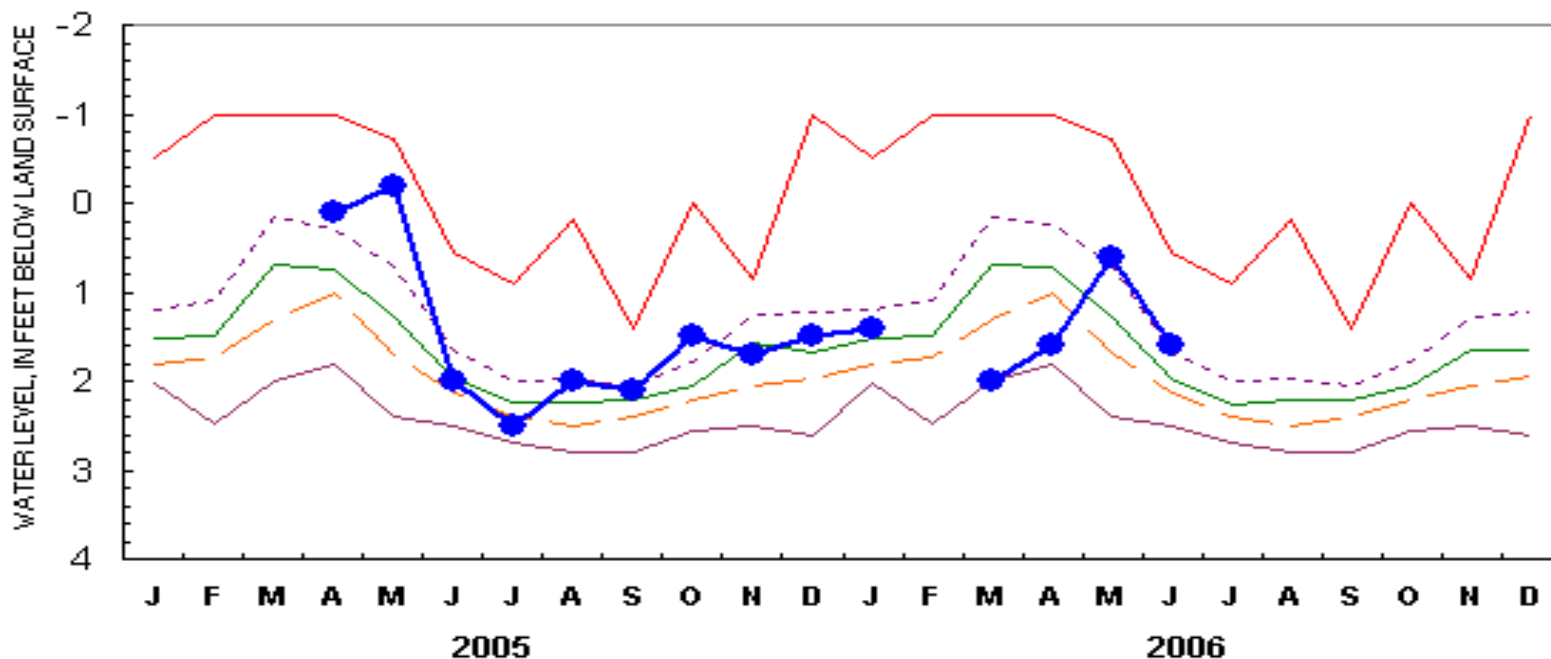
Highest and lowest month-end water levels are monthly extremes for the period of record  
 Above-normal is the 75% quartile (25% of month-end water levels were higher)  
 Below-normal is the 25% quartile (25% of month-end water levels were lower)  
 Median is the 50% quartile (half of the month-end water levels were higher or lower)  
 Water levels after September 2003 are provisional and subject to revision.

## KEENE 2 (KEW 2) NH (August 1963 - )



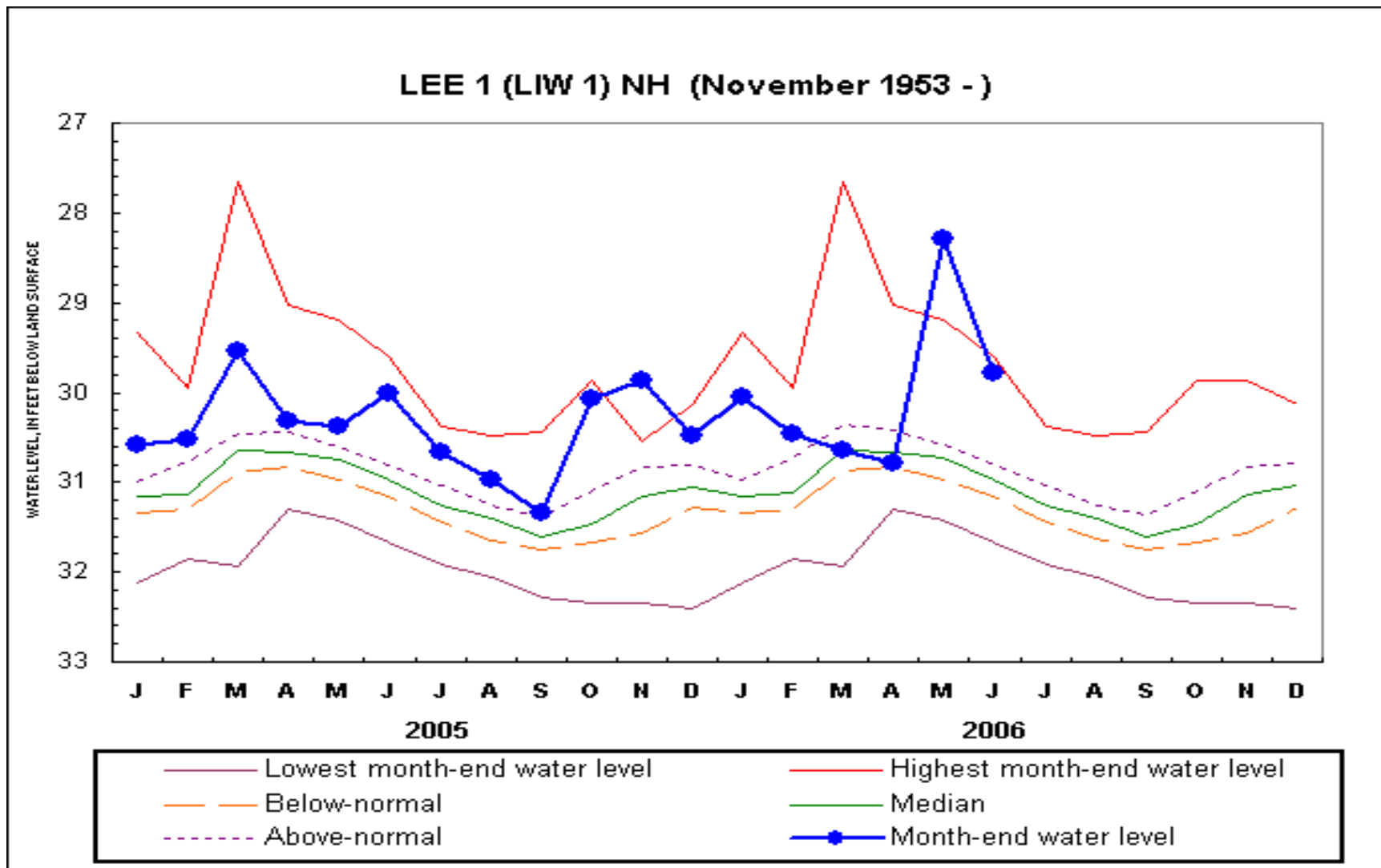
Highest and lowest month-end water levels are monthly extremes for the period of record  
 Above-normal is the 75% quartile (25% of month-end water levels were higher)  
 Below-normal is the 25% quartile (25% of month-end water levels were lower)  
 Median is the 50% quartile (half of the month-end water levels were higher or lower)  
 Water levels after September 2003 are provisional and subject to revision.

# LANCASTER 1 (LCW 1) NH (November 1966 - May 1980, April 1981)



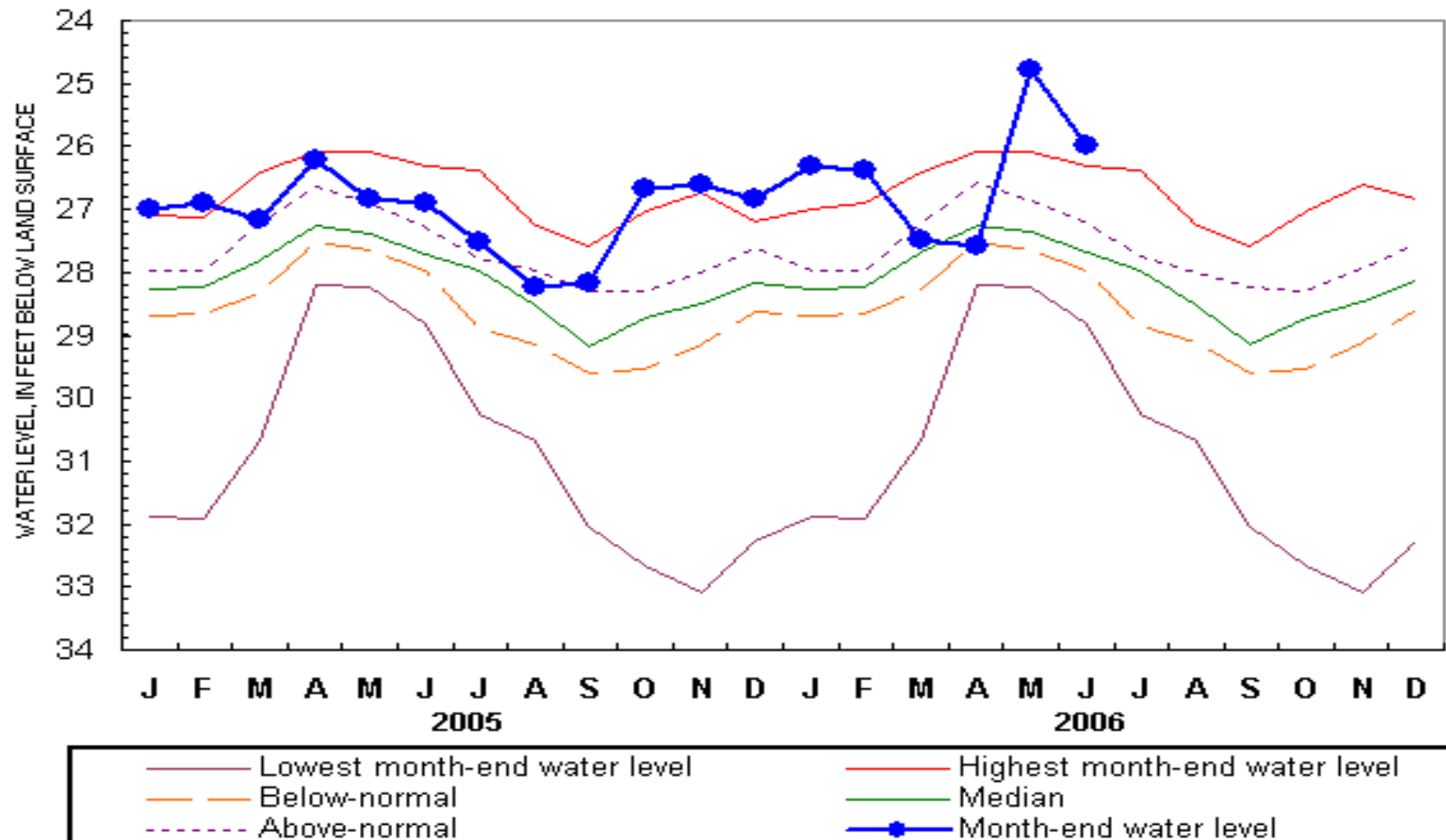
— Lowest month-end water level	— Highest month-end water level
- - - Below-normal	— Median
- - - Above-normal	—●— Month-end water level

Highest and lowest month-end water levels are monthly extremes for the period of record  
 Above-normal is the 75% quartile (25% of month-end water levels were higher)  
 Below-normal is the 25% quartile (25% of month-end water levels were lower)  
 Median is the 50% quartile (half of the month-end water levels were higher or lower)  
 Water levels after September 2003 are provisional and subject to revision.



Highest and lowest month-end water levels are monthly extremes for the period of record  
 Above-normal is the 75% quartile (25% of month-end water levels were higher)  
 Below-normal is the 25% quartile (25% of month-end water levels were lower)  
 Median is the 50% quartile (half of the month-end water levels were higher or lower)  
 Water levels after September 2003 are provisional and subject to revision.

### NASHUA 218 (NAW 218) NH (October 1964 - )



Highest and lowest month-end water levels are monthly extremes for the period of record

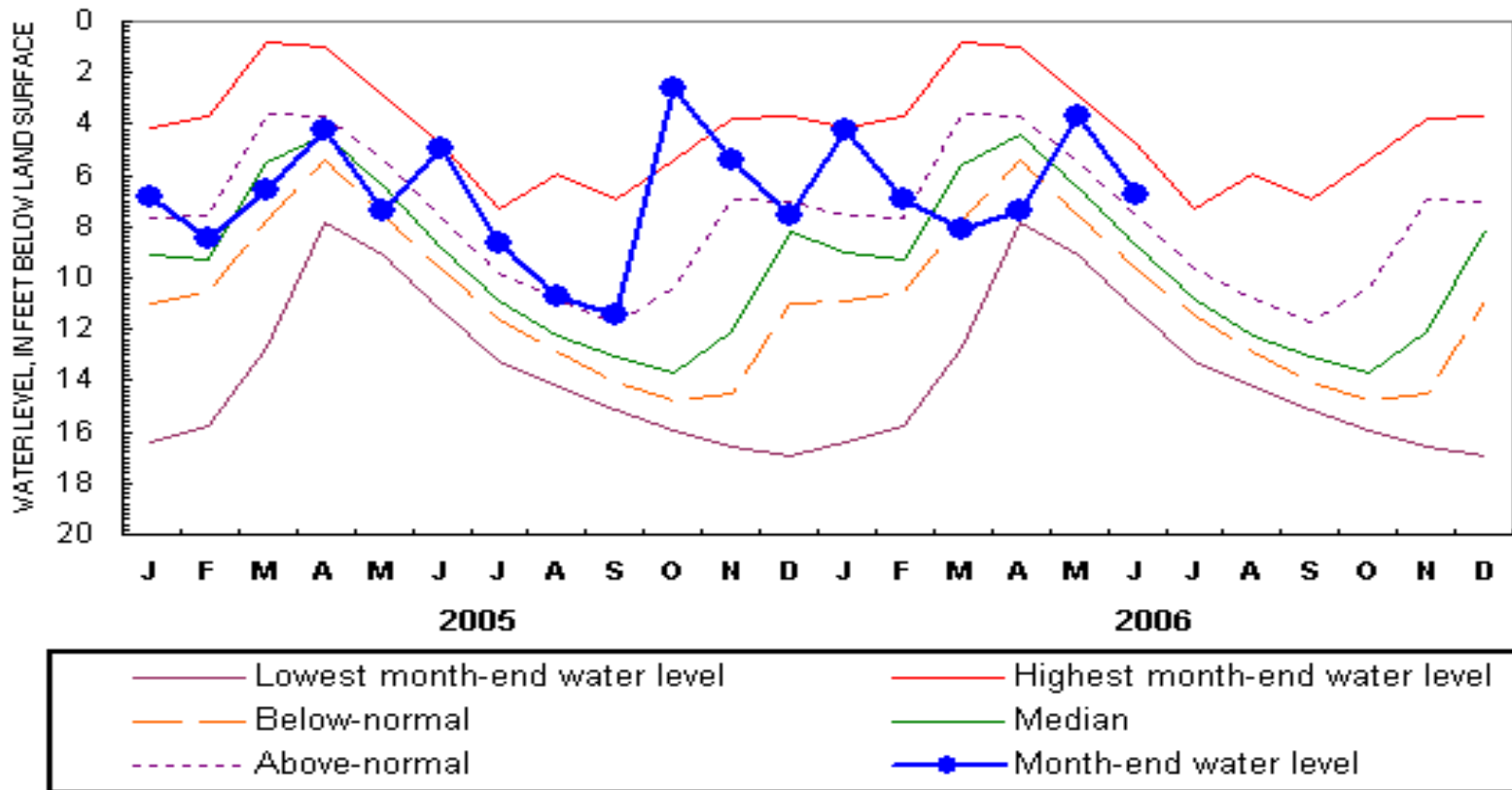
Above-normal is the 75% quartile (25% of month-end water levels were higher)

Below-normal is the 25% quartile (25% of month-end water levels were lower)

Median is the 50% quartile (half of the month-end water levels were higher or lower)

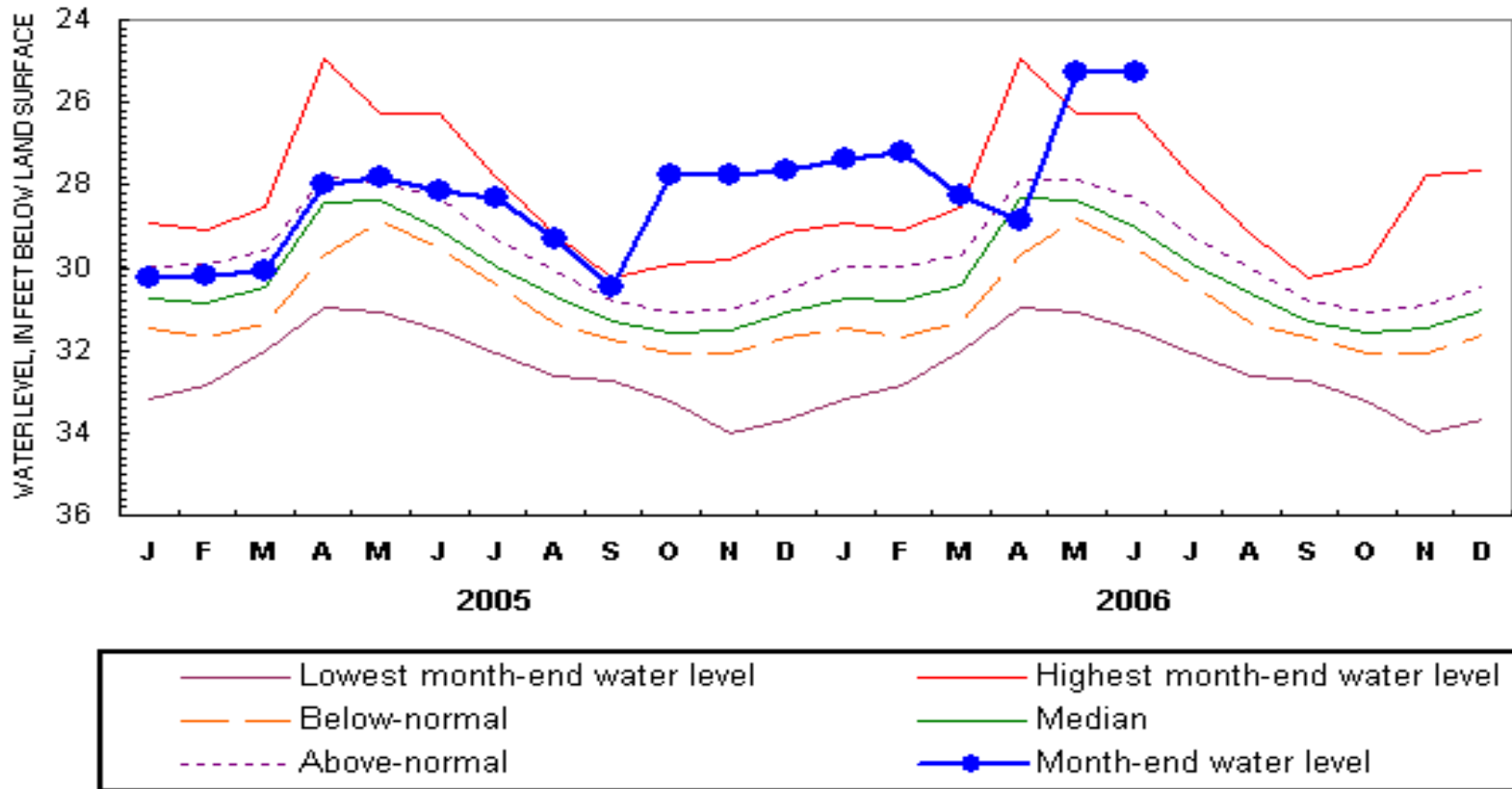
Water levels after September 2003 are provisional and subject to revision.

# NEW LONDON 1 (NLW 1) NH (October 1947 - )



Highest and lowest month-end water levels are monthly extremes for the period of record  
 Above-normal is the 75% quartile (25% of month-end water levels were higher)  
 Below-normal is the 25% quartile (25% of month-end water levels were lower)  
 Median is the 50% quartile (half of the month-end water levels were higher or lower)  
 Water levels after September 2003 are provisional and subject to revision.

# WARNER 1 (WCW 1) NH (December 1965 - )

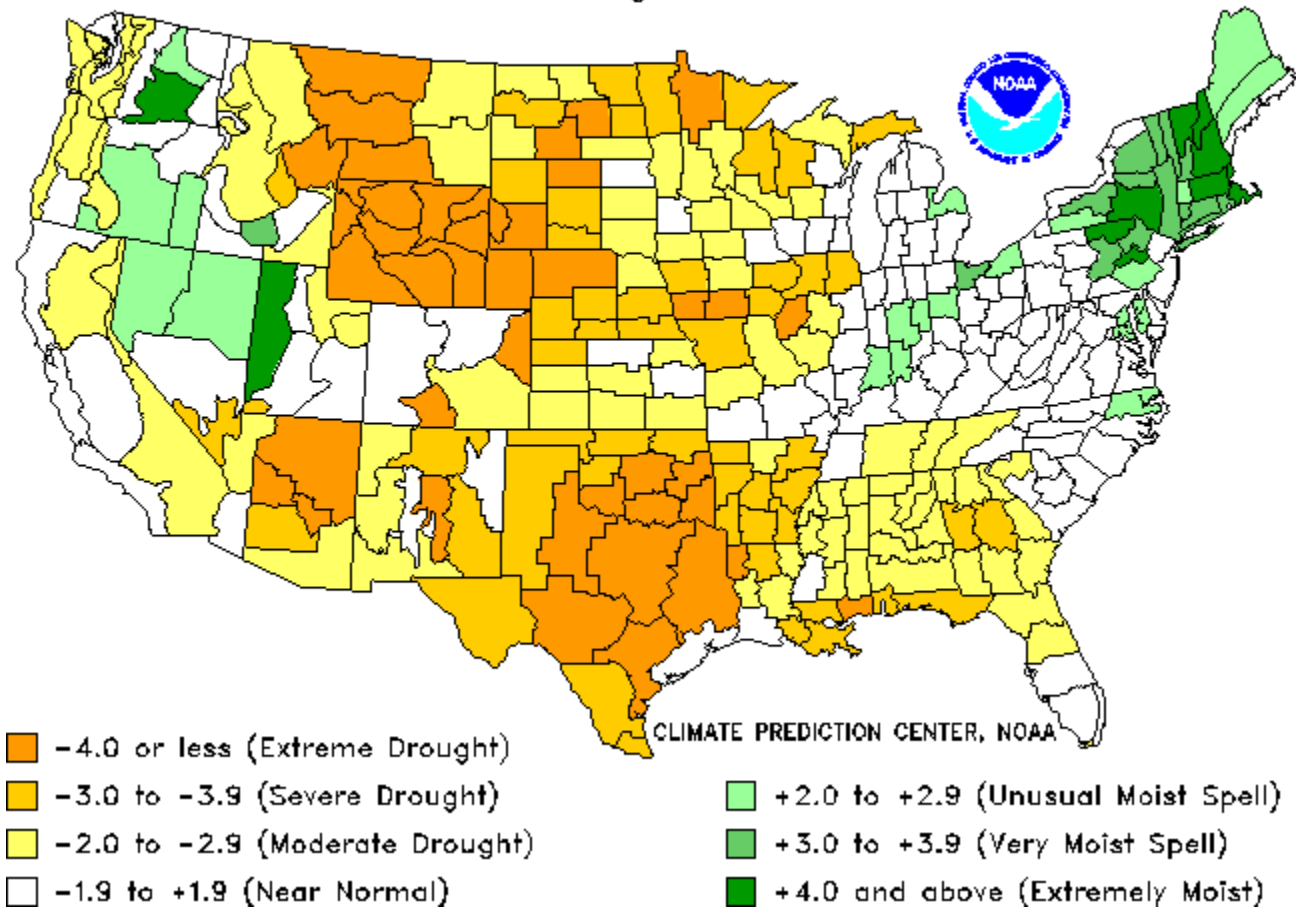


Highest and lowest month-end water levels are monthly extremes for the period of record  
 Above-normal is the 75% quartile (25% of month-end water levels were higher)  
 Below-normal is the 25% quartile (25% of month-end water levels were lower)  
 Median is the 50% quartile (half of the month-end water levels were higher or lower)  
 Water levels after September 2003 are provisional and subject to revision.

## Drought Severity Index by Division

Weekly Value for Period Ending 15 JUL 2006

Long Term Palmer



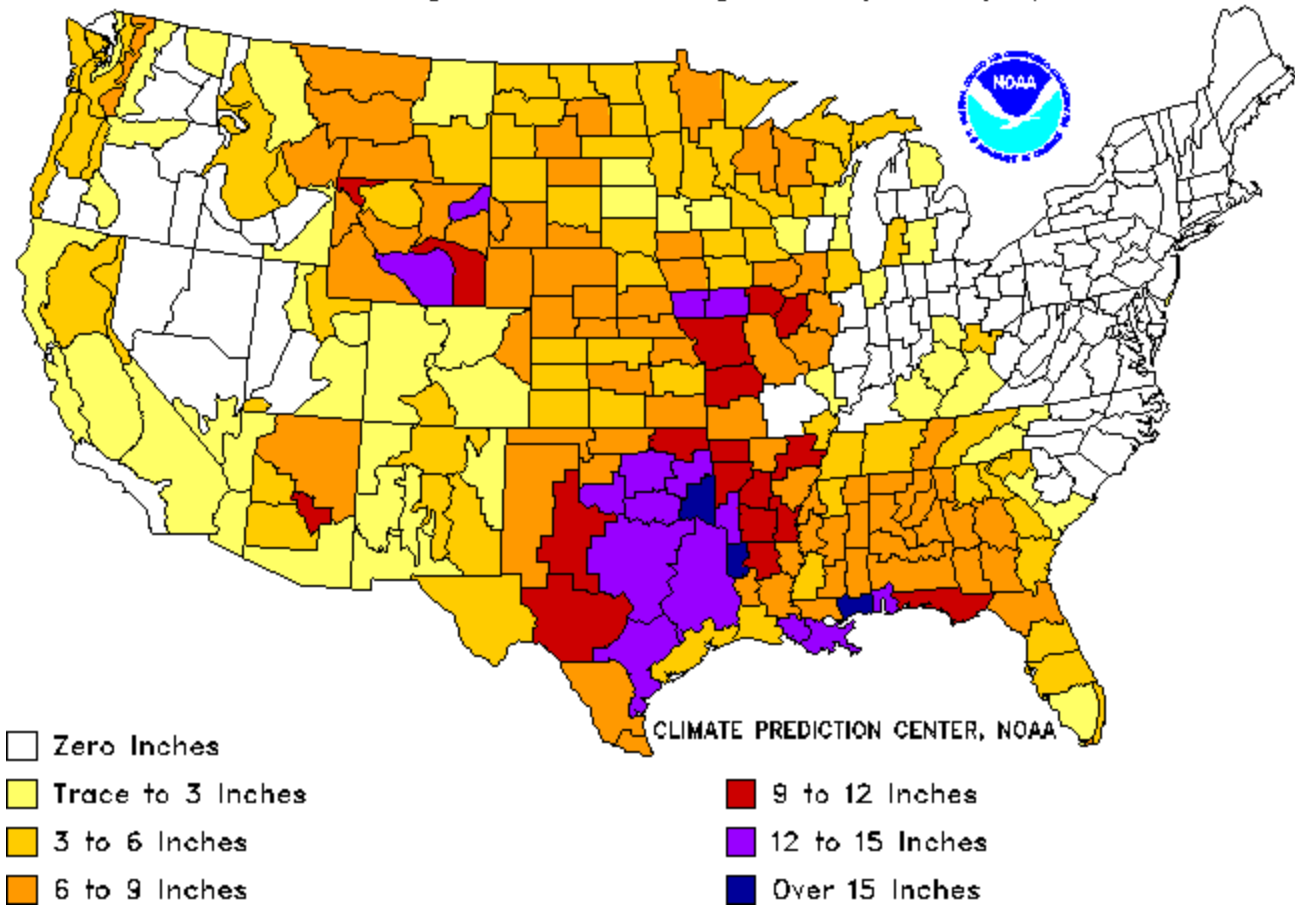
## THE PALMER DROUGHT SEVERITY INDEX

The Palmer Index uses temperature and rainfall information in a formula to determine dryness. The advantage of the Palmer Index is that it is standardized to local climate.

## Additional Precip. Needed (In.) to Bring PDI to -0.5

Weekly Value for Period Ending 15 JUL 2006

Long Term Palmer Drought Severity Index (PDI)



This is the amount of rainfall required in a week's time to bring the index back to zero inches required.